Method, System and Call Server for Improving Network Traffic for Accounting Messages

Abstract of Disclosure

A method, system and call server for reducing accounting traffic between a call server and a AAA server following a billing rate change. Following an expiration of a timer indicating the change, the call server collects accounting data of a first portion of the IP session to be billed at a first billing rate. At the next accounting event, if any accounting data is pending transmission to the AAA server, the call server sends to the AAA server an Accounting Stop message with pending accounting data related to the activity during the first portion of the IP session, and then sends an Accounting Start message with no activity parameter. Depending upon the type of the accounting event, the call server further sends to the AAA server the activity parameters related to the second portion of the IP session using an Accounting Stop message or in a next Accounting Interim message.

Figures